Index of Claims

| Application No. | Applicant(s) |  |
|-----------------|--------------|--|
| 10/664,555      | LIU, JIA-CHU |  |
| Examiner        | Art Unit     |  |
| Ling-Siu Choi   | 1713         |  |

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| ÷ | Restricted                     |

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|-------------|------------|----------|---------------|---------------|--------|---------------|-----------------|--------|-------|----------|---------------|--------|-------------|---------------|-------------|---------------|--------|----------|----------|----------|----------|--------|---------|----------|-----------------|----------|----------|
|             | -E         |          |               |               |        |               |                 |        |       | <u>=</u> |               |        | Τ           |               |             |               | 1      |          |          |          |          | Т      |         |          |                 |          |          |
| Final       | Original   | 2/18/05  |               |               |        |               |                 |        | Final | Original |               |        |             |               |             |               |        | Final    | Original |          |          | ĺ      |         |          |                 | ı        |          |
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|             |            |          |               |               |        |               |                 |        |       |          |               | ┸      |             |               |             |               |        |          |          | L        |          |        | ┸       |          |                 |          |          |
| ·           |            | _        |               | $\perp \perp$ |        |               |                 | _      |       | 51       |               | ┸      | _           |               |             |               |        |          | 101      |          |          |        |         |          |                 |          |          |
|             | 2          | _        |               |               |        |               |                 | _      |       | 52       |               | Ŀ      |             |               |             |               |        |          | 102      |          |          |        |         | L        |                 |          |          |
| L           | ₿_         | <u> </u> |               | $\perp \perp$ |        |               |                 |        |       | 53       |               |        |             |               |             |               |        |          | 103      |          |          |        |         |          |                 |          |          |
|             | 4          |          |               |               |        |               |                 | _::::: | L     | 54       |               |        |             |               |             |               | ا      |          | 104      |          |          | 丄      | 上       | 丄        |                 |          |          |
|             | 5          |          |               |               |        |               |                 |        |       | 55       |               |        |             |               |             |               | ];;;;; |          | 105      |          |          |        |         |          |                 |          |          |
|             | 6          |          |               | Ш             |        |               |                 |        |       | 56       |               |        |             |               |             |               |        |          | 106      |          |          |        |         |          |                 |          |          |
|             | 7          |          |               |               |        |               |                 |        |       | 57       |               |        |             |               |             |               |        |          | 107      |          |          |        |         |          |                 |          |          |
|             | 8          |          |               |               |        |               |                 |        |       | 58       |               |        |             |               |             |               | ]      |          | 108      |          |          |        |         |          |                 |          |          |
|             | 9          |          |               |               |        |               |                 |        |       | 59       |               |        |             |               |             |               |        |          | 109      |          |          |        |         |          |                 |          |          |
|             | 10         |          |               |               |        |               |                 |        |       | 60       |               |        |             |               |             |               |        |          | 110      |          |          |        |         |          |                 |          |          |
|             | 11         |          |               |               |        |               |                 |        |       | 61       |               |        |             |               |             |               |        |          | 111      |          |          |        |         |          |                 |          |          |
|             | 12         |          |               |               |        |               | $\Box \Box$     | _];;;; |       | 62       |               |        |             |               |             |               |        |          | 112      |          |          |        |         |          |                 |          |          |
|             | 13         |          |               |               |        |               |                 |        |       | 63       |               |        |             | $\coprod$     |             |               |        |          | 113      |          |          |        |         |          |                 |          |          |
|             | 14         |          |               | $\Box$        |        |               | $\Box \Gamma$   |        |       | 64       |               |        |             | $\Box$        |             |               | ]      |          | 114      |          |          |        | $\perp$ |          |                 |          |          |
|             | 15         |          |               |               |        |               |                 |        |       | 65       |               |        |             |               |             |               | 7::::: |          | 115      |          |          | $\top$ | Τ       |          |                 |          | $\Box$   |
|             | 16         |          |               |               |        | $\prod$       |                 | 7      |       | 66       |               |        |             |               |             |               | 7      |          | 116      |          |          |        | Τ       | П        | П               |          |          |
|             | 17         |          |               | $\prod$       |        |               |                 | 7      |       | 67       |               |        |             |               |             |               | 7::::: |          | 117      |          |          | $\top$ | Т       | Т        | $\sqcap$        |          |          |
|             | 1 <b>B</b> |          |               |               |        |               |                 | 7::::  |       | 68       |               | 1      | 1           |               |             |               | 7      |          | 118      |          |          |        | $\top$  |          |                 |          |          |
|             | 19         |          |               |               |        |               |                 | 7      |       | 69       |               |        | 1           |               | $\neg \neg$ |               | 7      |          | 119      |          |          |        |         |          |                 |          |          |
|             | 20         |          |               |               |        | $\Box$        | Ť               | 7      |       | 70       |               | 7      | 1           |               | $\top$      |               | 7      |          | 120      |          |          |        |         | T        |                 |          |          |
|             | 21         |          |               | $\Box$        |        |               | T               | 7      |       | 71       |               | 1      | 1           |               |             |               | 7      | •        | 121      | П        |          | $\top$ | 1       | T        |                 |          |          |
|             | 22         |          |               |               |        | $\top$        |                 | 7      |       | 72       |               |        |             |               |             |               | 1      |          | 122      | Г        | _        | $\top$ | $\top$  |          |                 |          |          |
|             | 2Β         |          |               | $\Box$        |        | $\Box$        |                 |        |       | 73       | $\top$        | $\top$ |             |               |             |               | 7      |          | 123      |          |          |        | T       | T        |                 |          | $\neg$   |
|             | 24         |          |               |               |        | Ħ             | _               | 7      |       | 74       |               | $\top$ | 1           |               | ╗           |               | 1      |          | 124      | П        |          | T      | Ť       | İ        | П               |          | $\neg$   |
|             | 25         |          |               | $\Box$        |        | $\Box$        |                 | 7      |       | 75       |               |        |             |               | 77          |               | 1      |          | 125      |          |          | $\top$ | T       |          | П               |          | ┪        |
|             | 26         | =        |               |               |        | $\Box$        |                 | 7      |       | 76       |               |        |             |               | $\neg \neg$ |               | 1::::: |          | 126      |          |          | $\top$ | T       | T        | П               | $\neg$   |          |
|             | 27         | Т        |               | $\Box$        |        | 1             |                 |        |       | 77       |               | $\top$ |             |               |             | $\neg$        | 1      |          | 127      |          |          | T      | $\top$  | 1        | Ħ               |          |          |
|             | 28         | T        |               |               |        | 177           |                 |        |       | 78       |               | T      |             |               |             |               | 1      |          | 128      |          |          | ┰      | 1       | 1        | П               | 寸        | ヿ        |
|             | 29         | T        |               |               |        |               |                 |        |       | 79       | _             |        |             |               |             |               | 1      |          | 129      |          |          | ┪      | 1       | T        | П               | 一        | $\dashv$ |
|             | 30         | T        |               |               |        | 7 1           |                 |        |       | 80       |               |        |             |               | 1           | _             | 1::::  |          | 130      |          |          | 十      | T       | 1.       | H               |          | ┪        |
|             | 31         | Т        |               | П             | $\top$ | I             |                 |        |       | 81       |               |        |             |               |             |               | 1      |          | 131      | -        | $\dashv$ | ╅      | T       | Ť        |                 |          | $\neg$   |
|             | 32         | Т        |               |               |        |               |                 | 7      |       | 82       |               |        |             |               |             |               | 1      |          | 132      |          |          | _      | 1       | 1        |                 | 一        |          |
|             | 33         | Ξ        |               |               |        |               |                 | 7::::  |       | 83       |               | 1      |             |               |             |               | 1      |          | 133      |          |          | $\top$ | T       | 1        |                 | 一        | ╗        |
|             | 34         |          |               |               |        |               |                 | 7      |       | 84       |               | T      | П           |               | 77          |               | 1 1    |          | 134      |          |          | $\top$ | T       | t        | П               | _        | ヿ        |
|             | 35         |          | $\neg \vdash$ | $\Box$        | .      |               |                 | 7      |       | 85       | İ             | $\top$ | П           |               | 7-7         | $\neg \vdash$ | 1      |          | 135      |          | $\neg$   | 1      | T       | T        | $\Box$          | $\neg$   | $\dashv$ |
|             | 36         |          |               | $\Box$        | $\top$ | 11            | $\neg$          | 7      |       | 86       |               | T      | П           |               | 7-1         | $\neg$        | 1      |          | 136      |          |          | +      | $\top$  | 1        | $\Box$          | _        | $\dashv$ |
|             | 37         |          |               | $\Box$        |        |               |                 | 7      |       | 87       | $\neg$        | T      | П           | $\Box$        | 7-1         |               | 1      |          | 137      |          | $\neg$   | 1      | 1       |          | П               | $\neg$   | $\dashv$ |
|             | 38         |          |               | $\Box \Box$   |        | $\top$        |                 | 7      |       | 88       | $\neg$        | 1      | П           | 7             | 77          |               | 1      |          | 138      |          | $\top$   | 1      | 1       | T        | ┪               | _        | $\dashv$ |
|             | 39         |          |               | $\sqcap$      | $\top$ | $\top$        | 1               | 7      |       | 89       | $\top$        | 1      | П           | 7             | 7           |               | 1 1    |          | 139      |          | 一        | $\top$ | $\top$  | T        | $\vdash$        |          | $\dashv$ |
|             | 40         |          | $\dashv$      | $\Box$        | 1      | 11            | $\neg$          |        |       | 90       | $\top$        | 1      | П           | $\dashv$      | 11          |               | 1      |          | 140      | $\vdash$ | $\dashv$ | +      | T       | $\vdash$ | $\vdash$        |          | $\dashv$ |
|             | 41         |          | $\top$        | $\sqcap$      | $\neg$ | 11            | 1               |        |       | 91       | $\dashv$      | $\top$ | Ħ           | -             | 1-1         |               |        |          | 141      |          | $\dashv$ | +      | †       |          |                 | $\neg$   | $\dashv$ |
|             | 42         |          |               | $\sqcap$      | T      | 1             | $\neg$          | 7::::  |       | 92       | $\neg \vdash$ | 1      | M           | $\top$        | 11          |               | 1      |          | 142      |          | $\dashv$ | $\top$ | 1       | T        | H               | -        | $\dashv$ |
|             | 43         | 一        |               |               |        | $\top$        | $\neg$          | 7      |       | 93       | $\top$        | 1      | $  \cdot  $ | $\neg \vdash$ | 77          |               | 1   1  |          | 143      | $\neg$   | _        | +-     | 1       | 1        | $\vdash$        |          | $\dashv$ |
|             | 44         |          |               |               | $\top$ | $\top$        | $\top$          | 7      |       | 94       | $\neg \vdash$ | †      | П           | -             | 17          | $\top$        | 1   1  |          | 144      | _        | $\dashv$ | +      | $\top$  | T        | H               | -1       | $\dashv$ |
|             | 45         |          |               | $\Box$        | $\top$ |               | $\neg$          | ا ااا  |       | 95       | _             | $\top$ | П           | $\dashv$      | 1           | $\top$        |        |          | 145      | $\dashv$ | $\neg +$ | +-     | +       | T        | $\vdash$        | _        | $\dashv$ |
|             | 46         |          |               | - -           | $\top$ | 1 1           | +               | 1      |       | 96       | $\dashv$      | T      | П           | _             | 11          | $\top$        | 1      |          | 146      |          | $\dashv$ | +-     | +       | $\vdash$ | $\vdash$        | +        | $\dashv$ |
| $\neg$      | 47         |          | $\neg$        |               |        | 11            |                 | ا!!!!  |       | 97       | $\neg$        | T      | $\vdash$    | _             | 1           | +             | 1      | -        | 147      |          | $\dashv$ | +      | †-      | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ |
| $\neg \neg$ | 48         | $\dashv$ |               |               | $\top$ | 1 1           | $\vdash$        |        |       | 98       | $\dashv$      | T      | П           | $\neg$        | ++          | $\dashv$      | 1      |          | 148      | $\dashv$ | $\dashv$ | 十      | +-      | $\vdash$ | $\vdash$        | +        | $\dashv$ |
|             | 49         | $\dashv$ |               |               |        | 11            | $\top$          | 1      |       | 99       | $\dashv$      | +      |             | $\dashv$      | +-          | $\dashv$      | 1 1    |          | 149      | $\neg$   | -        | +-     | +-      |          | $\vdash \vdash$ | -        | $\dashv$ |
|             | 50         |          | $\top$        |               | 1      | $T^{\dagger}$ | $\top$          |        |       | 100      | _             | T      | $\Box$      | $\top$        | ┿           | $\neg$        | 1      | $\dashv$ | 150      | 7        | 一        | +      | +       |          | $\dashv$        | +        | $\dashv$ |
|             |            | _        |               |               |        | <del></del>   |                 | _,     |       | ۰        |               |        | • •         |               |             |               | J L    |          |          |          |          |        |         |          |                 | - 1      | 1        |